



ameltB

SEQUENCE LISTING

RECEIVED

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TECH CENTER 1600/2900

<110> Gibson, Bradford W.
Kuntz, Irwin D.
Tang, Ning
Dollinger, Gavin
Oshiro, Connie M.
Hempel, Judith C.
Taylor, Eric W.

<120> Method of determining the
three-dimensional shape of a macromolecule

<130> UCSF-P001

<140> US 09/580,380

<141> 2000-05-26

<160> 7

<170> FastSEQ for Windows Version 4.0

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<212> PRT

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Tyr Leu Ala Met Lys Glu Asp Gly Arg Leu Leu Ala Ser Lys
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Thr Gly Gln Tyr Lys Leu Gly Pro Lys
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Glu Lys Ser Asp Pro His Ile Lys Leu Gln Leu Gln Ala Glu Glu Arg
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Leu Tyr Lys Asn Gly Gly Phe Phe Leu Arg
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Glu Lys Ser Asp Pro His Ile Lys
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Ala Pro Val Arg Ser Leu Asn Cys Thr Leu Arg Asp Ser Gln Gln Lys
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Ser Leu Met Val Met Ser Gly Pro Tyr Glu Leu Lys Ala Leu His Leu
20 25 30
Gln Gly Gln Asp Met Glu Gln Gln Val Val Phe Ser Met Ser Phe Val
35 40 45
Gln Gly Glu Glu Ser Asn Asp Lys Ile Pro Val Ala Leu Gly Lys Glu
50 55 60
Lys Asn Leu Tyr Leu Ser Cys Val Leu Lys Asp Asp Lys Pro Thr Leu
65 70 75 80
Gln Leu Glu Ser Val Asp Pro Lys Asn Tyr Pro Lys Lys Lys Met Glu
85 90 95
Lys Arg Phe Val Phe Asn Lys Ile Glu Ile Asn Asn Lys Leu Glu Phe
100 105 110
Glu Ser Ala Gln Phe Pro Asn Trp Tyr Ile Ser Thr Ser Gln Ala Glu
115 120 125
Asn Met Pro Val Phe Leu Gly Gly Thr Lys Gly Gly Gln Asp Ile Thr
130 135 140
Asp Phe Thr Met Gln Phe Val Ser Ser
145 150

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Pro Ala Leu Pro Glu Asp Gly Gly Ser Gly Ala Phe Pro Pro Gly His
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			20					25					30		
Arg	Ile	His	Pro	Asp	Gly	Arg	Val	Asp	Gly	Val	Arg	Glu	Lys	Ser	Asp
		35					40					45			
His	Ile	Lys	Leu	Gln	Leu	Gln	Ala	Glu	Glu	Arg	Gly	Val	Val	Ser	Ile
	50					55					60				
Lys	Gly	Val	Cys	Ala	Asn	Arg	Tyr	Leu	Ala	Met	Lys	Glu	Asp	Gly	Arg
65					70					75					80
Leu	Leu	Ala	Ser	Lys	Cys	Val	Thr	Asp	Glu	Cys	Phe	Phe	Phe	Glu	Arg
			85						90					95	
Leu	Glu	Ser	Asn	Asn	Tyr	Asn	Thr	Tyr	Arg	Ser	Arg	Lys	Tyr	Ser	Ser
			100					105					110		
Trp	Tyr	Val	Ala	Leu	Lys	Arg	Thr	Gly	Gln	Tyr	Lys	Leu	Gly	Pro	Lys
		115					120					125			
Thr	Gly	Pro	Gly	Gln	Lys	Ala	Ile	Leu	Phe	Leu	Pro	Met	Ser	Ala	Lys
	130					135					140				
Ser															
145															

B2
cont.